

STATEMENT OF BASIS (AI No. 12741)

for draft Louisiana Pollutant Discharge Elimination System permit No. LA0076171 to discharge to waters of the State of Louisiana.

THE APPLICANT IS: Energy Cranes, LLC
Houma Facility
279 Thompson Road
Houma, Louisiana 70363

ISSUING OFFICE: Louisiana Department of Environmental Quality (LDEQ)
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

PREPARED BY: Michelle Bickham

DATE PREPARED: March 5, 2010

1. PERMIT STATUS**A. Reason For Permit Action:**

Modification of a Louisiana Pollutant Discharge Elimination System (LPDES) permit to add Outfall 003 discharging treated sanitary wastewater. In addition, the monitoring requirements for Outfall 002, with the exception of the frequency, have been updated to reflect the current version of the Class I Sanitary Discharge General Permit, LAG530000.

B. LPDES permits – LA0076171
LPDES permit effective date: May 1, 2006
LPDES permit expiration date: April 30, 2011

C. Date Application Received: July 31, 2008

2. FACILITY INFORMATION**A. FACILITY TYPE/ACTIVITY – oilfield service company**

Energy Cranes, Inc. is an existing oilfield service company that repairs cranes and their components.

B. FEE RATE

1. Fee Rating Facility Type: minor
2. Complexity Type: II (BPJ to 5 points)
3. Wastewater Type: II
4. SIC code: 1389, 3533

C. LOCATION - 279 Thompson Road, Houma, Terrebonne Parish Latitude 29°32'40", Longitude 90°41'09"

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3. OUTFALL INFORMATION

Outfall 003

Discharge Type: treated sanitary wastewater
Treatment: sewage treatment plant
Location: at the point of discharge from the northeast corner of the facility
Flow: intermittent
Discharge Route: unnamed ditch thence to Munson Slip thence to the Houma Navigational Canal

4. RECEIVING WATERS

STREAM - unnamed ditch thence to Munson Slip thence to Houma Navigational Canal

BASIN AND SEGMENT - Terrebonne Basin, Segment 120509

DESIGNATED USES -
a. primary contact recreation
b. secondary contact recreation
c. propagation of fish and wildlife
d. drinking water supply

5. TMDL STATUS

Subsegment 120509, Houma Navigation Canal-From Houma to Bayou Pelton, is not listed on LDEQ's Final 2006 303(d) List as impaired, and to date no TMDL's have been established. A reopener clause will be established in the permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDLs.

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Rationale for Energy Cranes, LLC

1. **Outfalls 002 – treated sanitary wastewater (estimated flow 500 gpd)**

Pollutant	Limitation		Reference
	Monthly Avg	Daily Max	
	mg/L		
Flow	---	Report	
BOD ₅	30	45	Similar discharges* (BPJ), previous permit
TSS	30	45	Similar discharges* (BPJ), previous permit
Fecal Coliform colonies/100ml	200	400	Similar discharges* (BPJ), previous permit
pH, s.u.	6.0 (min)	9.0 (max)	Similar discharges* (BPJ), previous permit

Treatment: sewage treatment plant

Monitoring Frequency: Quarterly for all parameters at the point of discharge from the sewage treatment plant located on the northwest corner of the facility prior to mixing with other waters.

Limits Justification: Limits and monitoring frequencies are based on current guidance for similar discharges from other industrial facilities and the previous permit.

2. **Outfall 003 – treated sanitary wastewater (estimated flow is 1000 gpd)**

Pollutant	Limitation		Reference
	Monthly Avg	Daily Max	
	mg/L		
Flow	---	Report	
BOD ₅	30	45	Similar discharges* (BPJ), LAG530000
TSS	30	45	Similar discharges* (BPJ), LAG530000
Fecal Coliform colonies/100ml	200	400	Similar discharges* (BPJ), LAG530000
pH, s.u.	6.0 (min)	9.0 (max)	Similar discharges* (BPJ), LAG530000

Treatment: sewage treatment plant

Monitoring Frequency: Semiannually for all parameters at the point of discharge from the sewage treatment plant located on the northeast corner of the facility prior to mixing with other waters.

Limits Justification: Limits and monitoring frequencies are based on current guidance for similar discharges from other industrial facilities and the Class I Sanitary Discharge General Permit, LAG530000 effective December 1, 2007.

* Existing permits for similar outfalls
s.u. Standard Units